

## RESPOND AND RESCUE LOGISTICS SOLUTIONS

Asset Visibility during Emergency Management

Earthquakes. Hurricanes. Tornadoes. These are just a few examples of the challenges emergency workers and first responders deal with on an all too frequent basis. Charged with saving lives when natural or man-made disasters strike, they often work in situations where infrastructure is damaged, communication capabilities are destroyed, and thousands of people are displaced while theft of key supplies is rampant and every day brings more fear, uncertainty, and doubt.

In these tragic circumstances, managing logistics is not easy--particularly when there's little to no time to prepare for or react to the impending emergency. Critical assets have to be located and moved great distances rapidly. Communications equipment and generators must be set-up to support relief efforts. Ensuring shelter, food, medical supplies, and water are available is essential. How do you manage asset visibility during an emergency? Savi and our "sense and respond" logistics solutions can help.

### **Locate assets anywhere, at any time**

There are two immediate logistical challenges during emergencies: quickly locating all of the necessary assets and setting them up in the right location to effectively respond. With Savi sense and respond logistics solutions, you can quickly find critical assets whether they are in a large warehouse, yard or scattered across the globe. By doing a simple search of assets or asset types, you can quickly see on a live map the location of these materials anywhere in the world so they can be identified and transported

immediately. This search capability also makes it easy to identify which equipment can be most quickly and easily transported to the emergency site based on its current location.

Once essential assets are found, Savi solutions track the movement of those goods as they are transported over roads, waterways, rail or other methods. Users can see in real time the actual movement of goods as they are on the way to relief efforts. Importantly, this real-time capability exists even when infrastructure does not—Savi solutions are designed to work in harsh, remote or even devastated areas. So when nothing else is working, you can rely on Savi for asset visibility and management without the need for operational infrastructure in the disaster area.

### **Monitor status of key supplies**

Once assets are moved to the right location, it is essential to monitor their status and condition in order to know when its necessary to replenish supplies or repair equipment. Knowing when to re-stock and bring in more provisions is especially important for fuel, food and water since having sufficient supplies can mean the difference between life and death. With Savi solutions, it is easily monitor the quantity and location of essential items, providing enough time to bring in new supplies and re-stock as required. This monitoring capability is especially important when looting or theft of food, water and equipment is an issue.

## Predict and Prepare with Analytics

In disasters, uncertainty is the unfortunate norm. And while no one can predict the future, Savi's sense and respond solutions provide operational intelligence that enables users to make smarter decisions based historical information and outcomes. By capturing and correlating numerous variables (travel time, temperature, weather, etc.), Savi enables organizations to predict the time needed to move and set-up key assets. Additionally, the Savi solution can help emergency logisticians prepare the right quantities of supplies and the best placement of key assets.

## Avoid Surprises with Alerts

Even the best emergency response plans require logisticians to make changes on the fly, since one can never know exactly how the next disaster will unfold. To help prevent surprises and enable individuals to respond to them before becoming a catastrophe, Savi's sense and respond logistics solutions come with built-in configurable alerts. Users can set their own alert threshold that are "pushed" to the right people even if they are not users of the application. Example alerts include:

- Unauthorized movement of assets
- Deviation from planned route
- Excessive idling
- Tampering event
- Unacceptable temperature, humidity, radiation or other environmental conditions

## About Savi

Savi Technology provides enterprises and organizations with unique and critical insight through the Savi Sensor Based Analytics Platform. The platform gives enterprises the ability to access, analyze and learn from new data in ways previously impossible, yielding streamlined operations, enhanced security and dramatically improved enterprise decision-making. Savi is headquartered in Alexandria, VA, with operations in Lexington, KY and around the world. Savi was recently named a 2013 Computerworld Honors Laureate for the economic improvements its technology has provided to several countries in Africa. Savi has more than 100 domestic and foreign issued patents covering a variety of technologies and is an active participant in several industry standards bodies including ISO 18000-7. For more information visit [www.savi.com](http://www.savi.com).

## Savi as a Trusted Partner

Savi has been a trusted partner of Federal agencies for over 23 years providing battle-tested solutions to ensure asset visibility in the toughest, most unforgiving conditions. As a result, Savi's sense and respond logistics solutions for emergency management integrate with the Department of Defense's RF-ITV Network. This integration provides complete asset visibility, comprehensive command and control, and easy coordination when working with the military.

To find out how Savi can help with your Respond & Rescue initiatives, contact us at [info@savi.com](mailto:info@savi.com) or 888.994.SAVI.

